

Title (en)
Cleaning printheads

Title (de)
Reinigung von Druckköpfen

Title (fr)
Nettoyage de têtes d'impression

Publication
EP 1101616 B1 20070214 (EN)

Application
EP 00310321 A 20001121

Priority
US 44762499 A 19991122

Abstract (en)
[origin: EP1101616A1] A method for removing residue from a fluid deposited on the interior surface (13) of an inkjet printhead (10), after the printhead (10) has contained or dispensed the fluid at least once, makes use of a reverse flushing technique optionally used in combination with sonication. The method employs a cleaning station (100) for flushing the inkjet printhead (10) with a wash fluid (121), rinse fluid (131), and/or inert gas (141). <IMAGE>

IPC 8 full level
B41J 2/165 (2006.01); **B01J 19/00** (2006.01); **B41J 2/17** (2006.01); **C40B 40/06** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP US)
B01J 19/0046 (2013.01 - EP US); **B41J 2/16552** (2013.01 - EP US); **B41J 2/1707** (2013.01 - EP US); **B01J 2219/00378** (2013.01 - EP US); **B01J 2219/00527** (2013.01 - EP US); **B01J 2219/00585** (2013.01 - EP US); **B01J 2219/00596** (2013.01 - EP US); **B01J 2219/00605** (2013.01 - EP US); **B01J 2219/00659** (2013.01 - EP US); **B01J 2219/00722** (2013.01 - EP US); **C40B 40/06** (2013.01 - EP US); **C40B 60/14** (2013.01 - EP US)

Cited by
CN111867837A; CN114096420A; CN102177024A; EP2347906A4; DE102011002727A1; WO03003277A3; US7402286B2; US7312068B2; US6855538B2; US8283181B2; WO2021008955A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1101616 A1 20010523; **EP 1101616 B1 20070214**; DE 60033355 D1 20070329; DE 60033355 T2 20071031; US 2003011656 A1 20030116; US 2005116986 A1 20050602; US 6446642 B1 20020910; US 6796634 B2 20040928; US 7008037 B2 20060307

DOCDB simple family (application)
EP 00310321 A 20001121; DE 60033355 T 20001121; US 23311602 A 20020830; US 44762499 A 19991122; US 95223404 A 20040927